

SPRINKLER SYSTEMS MAINTENANCE WORKER I/II

Purpose:

To actively support and uphold the City's stated mission and values. To perform semi-skilled and skilled duties in the installation, maintenance, and repair of the City's irrigation systems.

Distinguishing Characteristics:

Sprinkler Systems Maintenance Worker I - This is the entry level class in the Sprinkler Systems Maintenance Worker series. This class is distinguished from the Sprinkler Systems Maintenance Worker II by the performance of the more routine tasks and duties assigned to positions within the series including independent installation and diagnosis of sprinkler systems. Since this class is typically used as a training class, employees may have only limited or no directly related work experience.

Sprinkler Systems Maintenance Worker II - This is the full journey level class within the Sprinkler Systems Maintenance Worker series. Employees within this class are distinguished from the Sprinkler Systems Maintenance Worker I by the performance of the full range of duties as assigned including independent installation and repair of complex sprinkler systems. Positions in this class are flexibly staffed and are normally filled by advancement from the I level or when filled from the outside, require previous sprinkler maintenance experience. Employees at this level receive only occasional instruction or assistance as new or unusual situations arise, and are fully aware of the operating procedures and policies of the work unit.

Supervision Received and Exercised:

Sprinkler Systems Maintenance Worker I

Receives immediate supervision from the Parks & Golf Course Supervisor or from other supervisory or management staff.

Sprinkler Systems Maintenance Worker II

Receives general supervision from the Parks & Golf Course Supervisor or from other supervisory or management staff.

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Sprinkler Systems Maintenance Worker I/II (continued)

May exercise functional and technical supervision over lower level maintenance staff.

Examples of Duties:

This class specification is intended to indicate the basic nature of positions allocated to the class and examples of typical duties that may be assigned. It does not imply that all positions within the class perform all of the duties listed, nor does it necessarily list all possible duties that may be assigned.

Duties may include, but are not limited to, the following:

• Design, install, repair and replace irrigation systems following blueprints, sketches or verbal instructions.

Install, adjust, maintain and repair electronic timers to meet irrigation needs.

 Install, inspect and perform major repairs to electronic and hydraulic valves and controllers and antennae.

 Replace, repair and adjust a wide variety of sprinkler heads and lines by removing, disassembling and replacing worn or broken parts.

 Programming and Operation of a Central Controlled Automated Sprinkler control systems.

Operate sprinkler pumping station.

• Repair 4" to 6" water mains.

• Operate construction equipment such as dump trucks, trenchers, front loaders, backhoes and hand and power tools.

 Utilize and maintain computer knowledge (such as Maxicom or Nimbus classes) to operate and schedule irrigation run-times through Maxicom computer software.

• Mix, pour and set concrete for controller stands and main-line thrust blocks.

• Locate, troubleshoot and repair valves, pipes and electrical lines using metal detectors, tracers, locators, and line identifiers as well as call-in, mark, and inspect blue-stake area(s).

Effective November 1988 Reviewed September 1992 Revised October 1999 (Supervisor Title Change) Revised February 2006 (duties) Revised July 2007 (duties, certifications)

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Sprinkler Systems Maintenance Worker I/II (continued)

- Inspect the installation of irrigation systems and equipment by outside contractors.
- Supervise and train lower level maintenance personnel in the maintenance of irrigation systems.
- Identify equipment needs for each assigned project; order irrigation parts and supplies as necessary.
- Inspect, operate irrigation pump station and fertilizer injector systems as well as troubleshoot pump station failure alarms.
- Utilize proper safety precautions related to all work performed.
- Initiate or assist crew with procurement of materials, supplies and equipment;
 reconcile procurement card monthly; code invoice for payment processing.
- Perform related duties as assigned.

Experience and Training Guidelines:

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. The hiring department may include job related experience, training or license and certification preferences at the time of recruitment. A typical way to obtain the knowledge and abilities would be:

Experience:

Sprinkler Systems Maintenance Worker I

One year of responsible park maintenance experience.

Sprinkler Systems Maintenance Worker II

One year of increasingly responsible experience performing irrigation system installation and maintenance duties comparable to that of a Sprinkler Systems Maintenance Worker I in the City of Tempe. Some experience in automated sprinkler systems is highly desirable. Some experience in irrigation or sprinkler repair is preferred.

Training:

Formal or informal education or training which ensures the ability to read and write at a level necessary for successful job performance.

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Sprinkler Systems Maintenance Worker I/II (continued)

Licenses/Certifications:

Requires the possession of a valid driver's license.

This position is included in the City's classified service, pursuant to City of Tempe Personnel Rules and Regulations, Rule 1, Section 103.

Job Code: 101/138

FLSA: Non-Exempt/Non-Exempt